

CEC-DOT BRIDGE SUBCOMMITTEE

Minutes of November 3, 2003 Meeting

I. Attendees:

Mark Pearson, Earth Tech (Co-Chair)
Dan Dock, PB
David Ruggles, Stewart Engineering
Kevin Austin, BHME
Chris Glass, McKim & Creed
Allen Raynor, NCDOT
Lonnie Brooks, NCDOT

II. LRFD Implementation

Allen Raynor discussed the Implementation of the AASHTO LRFD Design Code. To make the transition, an Implementation Team, chaired by Allen, has been assembled and will meet on an on going basis to discuss and plan the implementation of the new code. FHWA has mandated that all preliminary plans prepared after Oct. 1, 2007 be designed using LRFD. The team will be comprised of Structure Design personnel (Engineering Development, Consultant Coordination, and In-house designers), representatives from Bridge Maintenance, Geotechnical Engineering, FHWA, and two volunteer representatives from private firms (Mark Pearson and Kevin Austin) and Patrick Kam from DOT's Engineering Applications Development Section. Updates on Team progress will be posted on the Structure Design web page. Structure Design is having an internal training session on prestressed girder design in December. We hope to follow up with a prestressed girder pilot project in early 2004.

III. Upcoming Training Opportunities

- **LRFD** – Implementation Team will meet to determine & schedule training events.
- **PCI Seminar** – PCI & NCDOT will host a seminar/training event in November 12th at McKimmon Center
- **AISI** – Steel bridge forum type training event in early 2004

IV. Other

Kevin Austin asked about Structure Design policy on the use of SIP forms in lieu of precast panels on prestressed concrete superstructures. Per Feb. 4, 2003 policy memo (posted on unit web page), design and detail all prestressed concrete girder bridges in non-corrosive areas with metal SIP forms, with the option for precast panels. This was a request by the AGC.

Chris Glass asked if the group would be receptive to coming up with some structures related topics for next year's ACEC/NCDOT joint conference. A few ideas relating to context sensitive design and construction issues were brought forward. The idea will be brought up at the Transportation Committee meeting next week.

VI. Next Meeting

The next meeting was scheduled for **9:00 am Monday February 2, 2004** in Structure Design **Conference Room B**.